ABSTRACT

A layer configuration on a support, the layer configuration comprising a layer containing a polymer containing optionally substituted 3,4-alkylenedioxythiophene structural units, in which the two alkoxy groups may be the same or different or together represent an optionally substituted oxy-alkylene-oxy bridge, and a compound selected from the group consisting of polyphosphoric acids, polyphosphoric acid salts, thia-alkanedicarboxylic acids, cyclohexadiene compounds and polyhydroxy-compounds selected from the group consisting of tetronic acid derivatives; orthodihydroxybenzene compounds with at least one sulpho group, compounds according to formula (I):

wherein R^1 and R^2 are independently H, -OH or alkyl, and n and m are independently 1, 2 or 3; compounds according to formula (II):

HO-
$$(CH_2)_p$$
-S- CH_2 -S- $(CH_2)_q$ -OH (II)

wherein p and q are independently 2, 3 or 4; compounds hydrolyzable to tetronic acid derivatives; compounds hydrolyzable to compounds according to formula (I); and sulpho-substituted 2-thia-alkyl25 benzimidazole compounds.